

## **AQUATICS MAINTENANCE TECHNICIAN**

### **DISTINGUISHING FEATURES**

The fundamental reason the Aquatics Maintenance Technician exists is to perform a variety of skilled maintenance, monitoring and repair work on the City's public and semi public pools and multiple park decorative fountains, pumps, motors and related equipment in the Parks, Recreation and Facilities division Community Services Department. This classification is not supervisory. Work is performed under general supervision of the Senior Recreation Coordinator.

### **ESSENTIAL FUNCTIONS**

Maintains and repairs equipment and systems at public pools; city-owned fountain water features, and related equipment at the parks.

Maintains pumps, motors, chlorinators (Erosion and CL2 Gas), electrical controls, auto fill systems, Chlorine Scrubbers, Automatic Vacuum systems, Caustic Feed Systems, Boilers, Chlorine Alarms with dialer, 75' movable bulkhead, filters and other related equipment.

Maintains public pools to meet all applicable Maricopa County Health Standards.

Safely handles hazardous chemicals on a regular bases.

Diagnoses, troubleshoots, and repair problems with chemical feed systems equipment.

Performs underwater repairs on, lighting, plaster and tile.

Maintains diving boards, starting blocks, and other related equipment surrounding pool areas.

Fiscally responsible for purchasing parts, materials, and equipment to perform job.

Inspects and maintains records on all pools, fountains, and related equipment.

Assists in design, fabrication, and construction of fountains.

Performs preventive maintenance on mechanical, electrical, and related equipment.

Investigates complaints regarding the pools and fountains and makes the necessary adjustments.

### **MINIMUM QUALIFICATIONS**

#### **Knowledge, Skills, and Abilities**

Knowledge of:

Water systems operations, methods, procedures, principles and standards.

All related mechanical, electrical, chemical, and plumbing components.

Blue prints.

Tools, electrical test equipment, and test kits to perform job.

Mechanical Room Controller Devices, software, and remote real time interactive computer systems.

Safely using hazardous chemicals.

Ability to:

Maintain, repair and diagnose problems relating to the entire pool and fountain systems.

Maintain pool water chemistry.

Diagnose, troubleshoot, and repair problems with chemical feed equipment.  
Operate a personal computer and related software.  
Performs underwater repairs, lighting, plaster and tile.  
Coordinate visual and muscular dexterity to perform mechanical repairs.  
Operate a variety of equipment; service and repair pumps and motors.  
Safely lift and carry heavy objects.  
Work in inclement weather conditions.  
Safely Climb ladders and work in confined spaces.  
Make continuous bending and stooping movements.  
Become a Certified Pool Operator or Aquatic Facility Operator within 1 year.  
Become a certified SCUBA Diver within 1 year.  
Establish and maintain effective working relationships with supervisors, co-workers and the public.  
Demonstrate and commit to teamwork.  
Share a commitment to quality in everyday work and demonstrate the willingness to assume ownership in completion of assigned tasks.  
Maintain regular consistent attendance and punctuality.

**Education & Experience**

Any combination of training, education and experience equivalent to 3 - 5 years experience in water pump operation and water delivery systems. Trained in confined space entry, use of self contained breathing apparatus, safe handling of hazardous chemicals, and electrical safety preferred. Valid Arizona Drivers License and no major driving citations in the last 39 months.

FLSA Status: Non-exempt

HR Ordinance Status: Classified